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bacillus licheniformis beta lactamase, reporter

- 2005

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... BlaR, involved in the inducibility of β -lactamase synthesis in **Bacillus licheniformis** is embedded in ...

K Hardt, B Joris, S Lepage, R Brasseur, JO Lampen, ... - Molecular Microbiology, 1997 - interscience.wiley.com
... of vary- ing lengths have been fused to the **β -lactamase reporter** ... JK, Tadayon, M., and Zhang, Y. (1990) **Beta-lactamase** as a ... **Bacillus licheniformis** BlaR 943 ...

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... in **Staphylococcus aureus** (mecA) is corepressed but not coinduced by cognate mecA and **β -lactamase** ... ► nih.gov

TK McKinney, VK Sharma, WA Craig, GL Archer - Journal of Bacteriology, 2001 - Am Soc Microbiol

... in the presence of **mec-reporter** gene fusions ... involved in induction of **β -lactamase** in **Bacillus licheniformis**. ... PBP4 Is Essential for (**beta**)-Lactam Resistance in ...

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Evaluation of bottlenecks in the late stages of protein secretion in **Bacillus subtilis**- ► nih.gov

A Bolhuis, H Tjalsma, HE Smith, A de Jong, R Meima, ... - Applied and Environmental Microbiology, 1999 - Am Soc Microbiol

... from eubacteria and eukaryotes (**Bacillus licheniformis** -amylase [AmyL ... for mature TEM -lactamase (Bla), B ... the signal peptide and **reporter protein** are underlined. ...

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An export-specific **reporter** designed for gram-positive bacteria: application to **Lactococcus lactis**- ► nih.gov

I Poquet, SD Ehrlich, A Gruss - Journal of bacteriology, 1998 - Am Soc Microbiol

... available, PhoA and the **E. coli** TEM -lactamase (BlaM) (5). The **Bacillus licheniformis** -amylase, AmyL ... polypeptides (60 amino acids) were fused to the **reporter** ...

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... **sakei**: Disruption of the β -galactosidase gene and use of lacZ as a **reporter** gene to study ... ► nih.gov

R Stentz, C Loizel, C Mallieret, M Zagorec - Applied and Environmental Microbiology, 2000 - Am Soc Microbiol

... repressor gene penI of **Bacillus licheniformis** and regulation ... sporulation gene in **Bacillus subtilis** ... for gram-positive bacterial **β -lactam** antibiotic tolerance ...

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Characterization of a new TEM-derived **β -lactamase** produced in a **Serratia marcescens** strain- ► nih.gov [PDF]

M Perilli, A Felici, N Franceschini, A De Santis, ... - Antimicrobial agents and chemotherapy, 1997 - Am Soc Microbiol

... The **β -lactamase** M r value was determined by comparison of its ... mobility with that of a standard protein mixture ... by using 150 M nitrocefin as the **reporter** substrate ...

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[PDF] ► ... by directed evolution at physiological temperature leads to thermostabilization of

beta-lactamase

J Hecky, KM Müller - Biochemistry, 2005 - molbiotech.uni-freiburg.de
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Endochitinase is transported to the extracellular milieu by the eps-encoded general secretory ... ► nih.gov

TD Connell, DJ Metzger, J Lynch, JP Folster - Journal of bacteriology, 1998 - Am Soc Microbiol
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The development of TnNuc and its use for the isolation of novel secretion signals in Lactococcus ...

P Ravn, J Arnau, SM Madsen, A Vrang, H Israelsen - Gene, 2000 - Elsevier
... BlaM, the *E. coli* β -lactamase (Perez and ... A more appropriate secretion reporter, the extracellular -amylase from **Bacillus licheniformis** has also ...
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